IEL Newsletter

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IEEE 成立于 1884 年，是全球最大的技术行业协会，凭借其多样化的出版物、会议、教育论坛和开发标准，在激励未来几代人进行技术创新方面做出了巨大的贡献，其数据库产品 IEL（IEEE/IET Electronic Library）自 2001 年进入中国以来，为中国的学者和研究人员提供了世界领先的科技信息。

IEEE 会议介绍

IEEE 每年在全球举办 1200 多场学术会议。会议涉及领域广，不仅在电子电气、通信和计算机等领域有重大影响，更在诸多新兴热点领域如纳米、生物医学工程、能源、自动化控制等方向具权威性。IEEE 在中国召开的会议，为中国高校师生提供了有利的学术交流通道，了解会议内容对国内专家、学者和研究人员进行项目研究和自身学习有极大的促进作用。

本期 Newsletter 主要为您提供 2014 年全年已公布的即将在大陆、台湾、新加坡召开的 IEEE 会议详情，供老师和同学们了解，希望这些信息能让您：

——了解相关领域最新的科研动态，洞悉竞争对手以及同行的研究热点。

—— 有针对性地向 IEEE 会议投稿，及时分享自己的科研成果，提高您的科研实力。

IEEE 会议涉及的学科领域主要有：信号处理，计算机网络、多媒体技术，纳米电子，自动化控制，机器人技术，机电一体化，广播多媒体系统，显微镜技术，医药生物工程，能源，信息工程管理，光电子，控制，自动化，机器人，生物信息，生物医学工程，网络技术，无线电通信等。

了解 IEEE 会议的更多信息请访问：http://www.ieee.org/web/conferences

IEEE 会议录介绍

IEEE/IET Electronic Library (IEL)每年收录 1200 多种会议录，其中包括了 IEEE 全球会议中最新的科研内容和 IET 会议和活动的出版物。IEEE 会议录是学术界和相关行业公认的世界上电气、电子工程、计算机及其相关领域最重要的文献资源，而且这些会议录基本会被 EI 收录。IEEE 会议录的内容广泛，收录的论文主题涉及技术学科各个领域。会议录的出版周期较期刊杂志的出版周期短，因此能提供最新的科研动态和研究成果。

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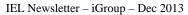
IEEE 在大陆召开的会议列表
（2014 年 1 月至 2014 年 12 月，按时间顺序排列）

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 IEEE International Wireless Symposium (IWS)	23 Mar - 27 Mar 2014	Convention center in Xi'an TBD Xi'an, China	http://www.mic2012.org/	physical layer aspects of the existing and emerging wireless systems, including but not limited to Gps wireless access, RFID, UWB, ZigBee, and Bluetooth	IEEE Microwave Theory and Techniques Society
2014 4th IEEE International Conference on Information Science and Technology (ICIST)	26 Apr - 28 Apr 2014	Kempinski Hotel Nanshan District Shenzhen, China	http://mmlab.siat.ac.cn/ICIST2014	information science and technology, robotics	Beijing Section; Shenzhen Institutes of Advanced Technology; Chinese Academy of Sciences
2014 IEEE 11th International Symposium on Biomedical Imaging (ISBI 2014)	29 Apr - 04 May 2014	Renaissance Beijing Capital Hotel Beijing, China		medical and biological imaging	IEEE Engineering in Medicine and Biology Society; IEEE Signal Processing Society
2014 Enterprise Systems Conference (ES)	10 May - 12 May 2014	Shanghai Jiao Tong University Shanghai, China	http://www.2014es.sjtu.edu.cn	Enterprise Information Systems Enterprise, Architecture Enterprise Engineering Measurements, Metrics and Evaluation of EA Artefacts and Processes Architectures and Design Principles for Enterprise Repositories Maturity Models for EA Artefacts and Processes Evolution of EA Models and Frameworks Enterprise Knowledge Engineering and Management Business-IT Alignment EA Adoption and Governance Methods, Processes and Patterns for EA Development EA and Service Oriented Architecture (SOA) EA and Organizational Theory and Business Modelling and Business Process Management	South Africa Section SMC Chapter; Shanghai Jiao Tong University - SJU
2014 International Conference on Progress in Informatics and Computing (PIC)	16 May - 18 May 201	Mingya Hotel Shanghai Pudong District Shanghai, China	http://pic.sjtu.edu.cn	artificial intelligence, multi-media & human computer interaction, databases & information systems, software engineering, pervasive computing, applied informatics	Beijing Section

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 International Conference on Industrial Engineering and Information Technology (IEIT)	16 May - 18 May 2014	The International Exchange Center, Tianjin University of Science and Technology Hexi District, Tianjin, China	http://ieit.ieeng.org	A. Industrial Engineering Advanced Design and Manufacturing Systems and Management Production Planning and Control Operations Research Decision Analysis and Method Quality Control and Management Product Lifecycle Management Logistics Engineering and Management Supply Chain Management Workflow Technologies and Applications Systems Modeling and Simulation Real-time and Embedded Systems Engineering Management Virtual Engineering and Digital Production Hybrid Products, Multidisciplinary Product Development and Equipment Management Human Factors Engineering Ergonomics and Its Applications Internet of Things Cloud Computing B, Automation System Artificial Intelligence and Knowledge Engineering Complex Systems and Intelligent Robots Complex Systems, Logistics, and Supply Chain Computational Intelligence and Applications Control Theory and Control Engineering	Beijing Section; Industrial Engineering Institute of CMES
2014 International Conference on Medical Biometrics (ICMB)	30 May - 01 Jun 2014	Shenzhen Graduate School, Harbin Institute of Technology, Shenzhen City, China	http://bcc.hitsz.edu.cn/ICMB/index.jsp	Medical device technologies, medical data processing and management, medical Pattern Recognition, medical biometric systems and applications	IEEE Systems Man and Cybernetics Society; Hong Kong Polytechnic University - HKPU; Shenzhen Graduate School; Harbin Institute of Technology
2014 IEEE International Conference on Robotics and Automation (ICRA)	31 May - 05 Jun 2014	Hong Kong Convention and Exhibition Center Hong Kong, China	http://www.icra2014.org	Robotics and Automation	IEEE Robotics and Automation Society
2014 IEEE 9th Conference on Industrial Electronics and Applications (ICIEA)	09 Jun - 11 Jun 2014	Zhijiang Hotel Gongshu District Hangzhou, China	http://www.ieeeiciea.org/2014/	Industrial Informatics, Computational Intelligence, Control and Systems, Energy and Environment, Mechatronics, Power Electronics, Signal and Information Processing, Network and Communication Technologies, Optoelectronics and Optical Communication, Invited and Special Sessions	IEEE Industrial Electronics Society; Singapore Section; Singapore Section IE Chapter

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 IEEE International Conference on Electron Devices and Solid-State Circuits (EDSSC)	18 Jun - 20 Jun 2014	Chengdu, China	http://www.edssc2014.com	Photonics, Nanoelectronics, RF & Microwave Devices and Circuits, Device and Circuit Reliability, Power Electronics, Communication Circuits, Sensor and MEMS, Digital and Memory Circuits, Organic Devices, Novel Analog Circuits, Bioelectronics, Data Processing Circuits	IEEE Electron Devices Society; University of Electronic Science and Technology of China - UESTC
2014 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB)	25 Jun - 27 Jun 2014	Tsinghua University Beijing, China	http://www.ieee-bmsb.org/	Multimedia systems and services, Multimedia devices, Multimedia quality: Performance evaluation, Multimedia processing, Transmission and network	IEEE Broadcast Technology Society
2014 11th International Conference on Service Systems and Service Management (ICSSSM)	25 Jun - 27 Jun 2014	Qingdao University Shandong, China	http://mse.qdu.edu.cn/mse/ICSSSM14	The scope of the conference includes topics on: Theory and Principle of Service Sciences; Service System Design, Operations, and Management, Supply Chain Management for Service, Service Marketing and Financial Management, Specific Industrial Service Management, Service Information Technology and Decision Making, Service Experiential Studies.	IEEE Systems Man and Cybernetics Society; The Chinese University of Hong Kong - CUHK; Tsinghua University
2014 5th IEEE International Conference on Software Engineering and Service Science (ICSESS)	27 Jun - 29 Jun 2014	China Hall of Science and Technology Beijing China	http://www.icsess.org	Software Engineering: Computer Science and System; Model and Algorithm; Service Science; Computer Network and Application Technology; Web Information Systems and Applications; Artificial Intelligence and Expert Systems; Database System and Application; E-Government; E-Business and E-Commerce; Other related theories, Technologies and applications	Beijing Section; Beijing University of Technology
2014 International Conference on Intelligent Environments (IE)	30 Jun - 04 Jul 2014	Shanghai Jiao Tong University China	http://www.intenv.org/	Any aspect of science, engineering, architecture, sociology, government, education or business that touch on these ideas is relevant to this conference.	IEEE Systems Man and Cybernetics Society; Shanghai Jiao Tong University - SJU;IEEE SMC Technical Committee on Human-Computer Interaction

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 International Conference on Mechatronics and Control (ICMC)	03 Jul - 05 Jul 2014	BOHAI University Jinzhou, China	http://icmc.bhu.edu.cn/	modeling and design, signal, image and data Processing, intelligent control, advanced motion control, networked control, sensors and actuators and networks, fault detection and diagnosis, robotics, mobile platforms, unmanned vehicles, advanced manufacturing, automotive and transportation systems, mechatronics in energy systems, human-machine interface, mechatronics applications in cyber physical systems, applications on industrial mechatronical system	Harbin Section; IEEE Industrial Electronics Society; Beijing Aerospace Automatic Control Institute; Research Institute of Mechatronics and Automation; BOHAI University
2014 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)	06 Jul - 11 Jul 2014	Beijing International Convention Center Beijing, China	http://www.ieee-wcci2014.org	fuzzy system	IEEE Computational Intelligence Society
2014 IEEE World Congress on Computational Intelligence (WCCI)	06 Jul - 11 Jul 2014	Beijing International Convention Center Beijing, China	http://www.ieee-wcci2014.org	computational intelligence	IEEE Computational Intelligence Society
2014 IEEE Congress on Evolutionary Computation (CEC)	06 Jul - 11 Jul 2014	Beijing International Convention Center Beijing, China	http://www.ieee-wcci2014.org	evolutionary computation	IEEE Computational Intelligence Society
2014 International Joint Conference on Neural Networks (IJCNN)	06 Jul - 11 Jul 2014	Beijing International Convention Center Beijing, China	http://www.ieee-wcci2014.org	neural networks	IEEE Computational Intelligence Society

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 Sixth International Conference on Ubiquitous and Future Networks (ICUFN)	08 Jul - 11 Jul 2014	TBD Shanghai, China	http://icufn.org/main/	Wireless and Communication Network, Cognitive Radio Network,5G, 4G, LTE, LTE-Advanced, WLAN, WPAN Wireless Ad-hoc and Mesh Network, Small cell Networks , Heterogeneous Networks, Interference Management, SDN and Network Virtualization, Network Security and Network Management, Network Theory and Network Science, Cloud Computing and Networks Big Data Networks and Data Center Architechure Body Area Network, Wireless Sensor Networks, RFID and QR Code, Ubiquitous Computing and Sensor Networks, Internet of things e-Health, Smartphone Applications	IEEE Communications Society; The Korean Institute of Communications and Information Sciences
2014 IEEE China Summit & International Conference on Signal and Information Processing (China SIP)	09 Jul - 13 Jul 2014	Xi'an International Conference Center/Qujiang Hotel Xi'an, China	http://www.chinasip2014.org	Speech Audio and Language, Image Video Coding, Transmission and Processing, Multimedia SIP, Pattern Recognition for SIP, Machine Learning and Big Data Analysis, Bioinformatics, Information Forensics & Security, Communications and Networking, SIP Theory Methods and Applications, Remote Sensing Data Processing, Multichannel and Array Signal Processing	IEEE Signal Processing Society
2014 International Conference on Machine Learning and Cybernetics (ICMLC)	13 Jul - 16 Jul 2014	TBD , China	http://www.icmlc.com	Statistical Machine Learning, Intelligent & fuzzy control, Pattern Recognition , Ensemble method, Evolutionary computation, Fuzzy & rough set, Data & web mining , Intelligent Business Computing , Biometrics , Bioinformatics , Information retrieval, Cyber security, Web intelligence and technology, Semantics & ontology engineering, Social Networks & Ubiquitous Intelligence, Multicriteria decision making, Soft Computing, Intelligent Systems, Speech, Image & Video Processing, Decision Support System	IEEE Systems; Man; and Cybernetics Society; Hebei University
2014 International Conference on Quality, Reliability, Risk, Maintenance, and Safety Engineering (QR2MSE)	22 Jul - 25 Jul 2014	Shahekou District Dalian, China	http://www.qr2mse.org	quality, reliability, mantenance, and safety of engineering systems	IEEE Reliability Society; Reliability; Availability; Maintainability; and Safety Professionals Society; University of Electronic Science and Technology of China - UESTC

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 International Conference on Quality, Reliability, Risk, Maintenance, and Safety Engineering (QR2MSE)	22 Jul - 25 Jul 2014	Shahekou District Dalian, China	http://www.qr2mse.org	Quality, Reliability, Risk, Maintenance, and Safety Engineering	IEEE Reliability Society; Reliability; Availability; Maintainability; and Safety Professionals Society; University of Electronic Science and Technology of China - UESTC
2014 33rd Chinese Control Conference (CCC)	28 Jul - 30 Jul 2014	International Conference Hotel Nanjing, China	http://ccc.amss.ac.cn/2014/en/	variable structure control; vehicle systems control; sensor networks; big data analysis and compressed sampling; nonlinear systems control; nonlinear systems theory; complexity and complex system theory; industrial systems and manufacturing; transportation systems; robust control; fuzzy system and fuzzy control; neural networks; data driven modeling and control; stochastic systems; micro-nano and quantum systems; stability and stabilization; systems modeling and identification; motion control; signal processing and information fusion; intelligent robot; etc.	IEEE Control Systems Society; Technical Committee on Control Theory; Chinese Assoc of Automation
2014 Enterprise Systems Conference (ES)	02 Aug - 03 Aug 2014	Shanghai Jiao Tong University Shanghai, China	http://www.2014es.sjtu.edu.cn	Enterprise Information Systems Enterprise Architecture Enterprise Engineering Measurements, Metrics and Evaluation of EA Artefacts and Processes Architectures and Design Principles for Enterprise Repositories Maturity Models for EA Artefacts and Processes Evolution of EA Models and Frameworks Enterprise Knowledge Engineering and Management Business-IT Alignment EA Adoption and Governance Methods, Processes and Patterns for EA Development EA and Service Oriented Architecture (SOA) EA and Organizational Theory and System Development Business Modelling and Business Process Management	South Africa Section SMC Chapter; Shanghai Jiao Tong University - SJU
2014 IEEE International Conference on Mechatronics and Automation (ICMA)	03 Aug - 06 Aug 2014	Hotel Nikko Tianjin, China	http://2014.ieee-icma.org/	mechatronics, robotics, automation and sensors	IEEE Robotics and Automation Society; Kagawa University; Tianjin University of Technology

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 23rd International Conference on Computer Communication and Networks (ICCCN)	04 Aug - 07 Aug 2014	Tongji University, Jiading Shanghai, China	http://www.icccn.org/icccn14/	computer communications and networks	IEEE Communications Society; Computer Science and Engineering Foundation
2014 International Conference on Control and Information Technology (ICCIT)	08 Aug - 10 Aug 2014	HuaQi Holiday Hotel Jiujiang, China	http://www.ic-cit.org/home.aspx	Information Technology, Computer Networking, Communication Technology, Data mining, Security, Signal processing, image and video processing, Control Engineering, Automation, Robotics, Intelligent system, AI	Wuhan Section; Wuhan Institute of Technology
2014 XXXIth URSI General Assembly and Scientific Symposium (URSI GASS)	16 Aug - 23 Aug 2014	China National Convention Center Chaoyang District, Beijing, China		radio science, electromagnetic metrology, fields and waves, radio communications and signal processing systems, electronics and photonics, electromagnetic environment and interference, wave propagation and remote sensing, ionospheric radio, waves in plasmas, radio astronomy, electromagnetics in biology and medicine	IEEE Antennas and Propagation Society; International Union of Radio Science - URSI
2014 IEEE 20th International Conference on Embedded and Real-Time Computing Systems and Applications (RTCSA)	20 Aug - 22 Aug 2014	Wanyou Conifer Hotel, Chongqing, Chin	http://www.rtcsa.org/	Embedded and Real-Time Computing Systems and Applications	IEEE Computer Society; Taipei Section; Chongqing University
2014 6th International Conference on Intelligent Human-Machine Systems and Cybernetics (IHMSC)	26 Aug - 27 Aug 2014	ZIJINGANG International Hotel Hangzhou, China	http://ihmsc.zju.edu.cn/index.html	Intelligent Human-Machine and Cybernetics	Nanjing Section CIS Chapter; Zhejiang University
2014 IEEE International Symposium on Radio-Frequency Integration Technology (RFIT)	27 Aug - 30 Aug 2014	University of Science and Technology of China Hefei, China	http://rfit2014.org/	High-number Spec Ics, Low-number Spec Ics, Device Technologies, 3D integrations, Frequency Generation Ics, Building Block RFICs, Analog and Mixed Signal Ics, Emerging Ics, VLSI & ASIC	IEEE Microwave Theory and Techniques Society

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 IEEE Transportation Electrification Conference and Expo, Asia-Pacific (ITEC Asia-Pacific)	31 Aug - 03 Sep 2014	Beijing International Conference Center Beijing, China	http://www.itec2014.com	materials, devices, components, motor drives, power electronics, batteries, subsystems, and systems for electrification of all transportation vehicles, including automobiles, airplanes, high speed train, light rail trains, off-road vehicles, and heavy duty vehicles	IEEE Industry Applications Society; IEEE Power & Energy Society; IEEE Power Electronics Society
2014 International Conference on Lightning Protection (ICLP)	13 Oct - 17 Oct 2014	Crowne Plaza Shanghai, China	http://www.iclp2014.net	lightning physics, and lightning protection measures and methods for power system, renewable energy systems, buildings, electronic Systems and railway systems, lightning location and warning technologies	Shanghai Section; Tsinghua University
2014 12th International Conference on Signal Processing (ICSP 2014)	26 Oct - 30 Oct 2014	Grand Metro park Hotel Hangzhou, China	http://icsp.bjtu.edu.cn/	Digital Signal Processing (DSP), TF Spectrum Analysis & Wavelet, Higher Order Spectral Analysis, Hardware Implementation for Signal Processing H Speech and Audio Coding, Speech Synthesis & Recognition, Image Processing & Understanding, PDE for Image Processing, Video compression &Streaming, Computer Vision & VR N. Multimedia & Human-computer Interaction, Statistic Learning & Pattern Recognition, AI & Neural Networks , Communication Signal processing , SP for Internet and Wireless Communications, SP for Bio-medical & Cognitive Science	Beijing Section; Beijing Jiao Tong University - BJU
2014 IEEE 12th International Conference on Solid - State and Integrated Circuit Technology (ICSICT)	27 Oct - 30 Oct 2014	Grand Link Hotel Guilin, China	http://www.icsict.com	Engineering, High-k/Metal gate Technology, Advanced Source/Drain Technology, Interconnect Technology, Advanced 3D Integration, Novel Process Technologies , Ultra-Thin Body Transistors and Device Variability , Advanced High-k Metal Gate SoC and High Performance CMOS Platforms , CMO Channel S Performance Enhancing and Novel Devices , Advanced FinFETs and Nanowire FETs, CNT, MTJ Devices and Nanowire Photodiodes , Low- Power and Steep Slope Switching Devices, Graphene Devices , Advanced Technologies for Ge MOSFETs, Organic semiconductor devices and technologies , Compound semiconductor devices and Technology , Ultra High Speed Transistors, HEMT/HBT, Advanced Power Devices and Reliability , Flash Memory, IT Magnetic RAM , Resistive RAMs , Phase Change Memory , 3-Dimensional Memory, MEMS Technology, Thin Film Transistors, Biosensors , PV and Energy Harvesting, Front End of Line (FEOL) R	Beijing Section

IEEE 在台湾召开的会议列表
（2014 年 1 月至 2014 年 12 月，按时间顺序排列）

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
OCEANS 2014 - TAIPEI	07 Apr - 10 Apr 2014	TBD, Taipei, Taiwan		The OCEANS conference covers all aspects of ocean engineering from physics aspects through development and operation of undersea vehicles and equipment.	IEEE Oceanic Engineering Society; Marine Technology Society
2014 International Symposium on Bioelectronics and Bioinformatics (ISBB)	11 Apr - 14 Apr 2014	Chung Yuan Christian University Taiwan	http://www.2014isbb.org.tw	biomedical engineering, micro and nano electronics, advanced medical devices, e-health, bioinformatics, and bio-signal processing. Specific topics include Implantable Medical Electronics and VLSI IC Design for Biomedical Application Bioinstrumentation	IEEE Engineering in Medicine and Biology Society; Chung Yuan Christian University
2014 International Conference on Intelligent Green Building and Smart Grid (IGBSG)	23 Apr - 25 Apr 2014	National Taiwan University of Science and Technology Taipei, Taiwan	http://igbsg.ntust.edu.tw	Green building and smart-grid technologies, Power electronics for energy saving, Intelligent and green power-electronic devices and systems, Green energy and smart grid for buildings, Status and developments of green buildings and smart-grids, Intelligent and green lighting technologies, Electric vehicles and components, Renewable energy research and applications, Building and home communication technologies, Building management and maintenance operation networks, Ubiquitous building/home network access, In-building power-line communications, Intelligent building/home optical and wireless technologies, e-Applications and related technology, Bio-electronic devices and systems for remote safety and health monitoring, Distributed home multimedia and entertainment, Building and home security and safety systems.	IEEE Industry Applications Society; Taipei Section; Taipei Section IA Chapter; Taipei Section IE/PEL Joint Chapter; National Taiwan University of Science and Technology - NTUST

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 International Symposium on VLSI Technology, Systems and Application (VLSI-TSA)	28 Apr - 30 Apr 2014	The Ambassador Hotel Hsinchu , Taiwan	vlsitsa.itri.org.tw/	Conventional and novel device concepts in CMOS, SiGe bipolar, and BiCMOS IC technologies, DRAM, SRAM and emerging NVM technologies such as RRAM and MRAM, Embedded memory, Advanced lithography technology and next generation lithography, FinFET, SOI and fully depleted devices, Nanoelectronic materials/process/devices, Process and device modeling, Thin film and flexible electronics, Organic electronics and photonics, Analog/RF devices and technologies, Advanced process technology, More-than-Moore device integration and applications, Advanced interconnect technology, Process control and advanced manufacturing technologies, Advanced packaging technology, Advanced gate stack science and technology, 3D integration technology, Yield enhancement, High mobility channel devices, MEMS and sensors, Device and interconnect reliability	IEEE Circuits and Systems Society, IEEE Electron Devices Society, IEEE Solid-State Circuits Society, Industrial Technology Research Institute - ITRI
2014 International Symposium on VLSI Design, Automation and Test (VLSI-DAT)	28 Apr - 30 Apr 2014	The Ambassador Hotel sinchu, Taiwan	vlsidat.itri.org.tw/	RF, analog and mixed-signal circuits, Sensors and interface circuits, Digital circuits and ASIC, CPU, DSP and multicore architectures, Memory circuits and systems, Low power logic and architectures, Multimedia processing circuits, Communication circuits, Embedded systems and software, Designs using novel technologies, System-in-package design, Electronic System Level Design, Modeling and simulation, Hardware-software co-design, Logic and architecture synthesis, Physical design and verification, Design for manufacturability, Power estimation and optimization, Design verification, Test generation and fault simulation, BIST and design for testability, RF, analog and mixed-signal test, SOC and system level testing, System level design automation	

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 IEEE 6th International Memory Workshop (IMW)	18 May - 21 May 2014	Taipei, Taiwan		All aspects of memory technology (Flash, DRAM, SRAM, PCRAM, RRAM, MRAM, charge trap memory, embedded memory, and other types of memories)	IEEE Electron Devices Society
2014 IEEE International Frequency Control Symposium (FCS)	19 May - 22 May 2014	Grand Hyatt Taipei Taiwan		Topics include, Materials, Filters, Resonators, MEMS, Oscillators, Synthesizers, Noise, Timekeeping, Optical and Microwave Atomic Standards, Sensors and Transducers	IEEE Ultrasonics, Ferroelectrics, Frequency Control Society; Asia Pacific Metrology Programme, Technical Committee on Time and Frequency
2014 IEEE 18th International Conference on Computer Supported Cooperative Work in Design (CSCWD)	21 May - 23 May 2014	National Tsinghua University Hsinchu, Taiwan	http://www.2014.cscwd.org/	Collaboration technologies and applications to the design of processes, products, systems, and services in industries and societies. Application domains include aerospace, automotive, manufacturing, construction, logistics, transportation, power and energy, healthcare, infrastructure, administration, social networks, and entertainment	IEEE Systems Man and Cybernetics Society; National Tsinghua University
2014 International Symposium on Computer, Consumer and Control (IS3C)	10 Jun - 12 Jun 2014	Evergreen Laurel Hotel Taichung , Taiwan	http://is3c2014.ncuteecs.org	The theme of this conference covers advanced multimedia, computer, telecommunication, semiconductor, consumer electronics, renewable energy, systems and control, and digital signal processing. Original high -quality papers related to this theme are especially solicited, including theories, methodologies, and applications in Computing, Consumer and Control	IEEE Circuits and Systems Society; College of Electric and Control Engineering Xian University of Science and Technology; Department of Management Information Systems National Chung Hsing University; National Chin -Yi University; Taiwan
2014 11th IEEE International Conference on Control & Automation (ICCA)	18 Jun - 20 Jun 2014	Evergreen Laurel Hotel Taichung, Taiwan	http://uav.ece.nus.edu.sg/~icca14/	control and automation, and possible contributions toward sustainable development and environment preservation	IEEE Control Systems Society; Singapore Section CS Chapter; National Chung Hsing University

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 3rd Laser Display Conference (LDC)	19 Jun - 20 Jun 2014	National Chung Hsing University Taichung, Taiwan	http://ldc.top-one.com.tw/main.asp?url=110&cid=1	A. Laser and light sources Visible lasers, LED, Phosphor, Lighting materials, Solid-state lighting B. Optical components Spatial light modulator, High-speed scanner, MEMS, Active-matrix integration, Projection components, Display drivers and interfaces C. Imaging Technologies and Devices Projection technologies, 3D imaging, Holography, Laser back-lighting, Novel and emerging display technologies D. Image Quality and Human Vision Speckle, Image quality evaluation, Color reproduction, Color management, Color appearance, Eye safety, Laser safety E. Systems and Applications TV systems, Projectors, HMDs and HUDs, Lighting, Touch technology, Laser show, Power saving techniques, Biomedical imaging, Industrial imaging	IEEE Photonics Society; National Chiao Tung University - NCTU; National Chung Hsing University; National Science Council - Taiwan
2014 International Symposium on Antennas & Propagation (ISAP)	02 Dec - 05 Dec 2014	Grand Hi-Lai Hotel Kaohsiung, Taiwan	http://isap2014.org	antennas, propagation, EM wave theory and related fields. The topics include Printed Antennas, Mobile Antennas, MIMO Antennas, RFID Antennas, Millimeter-wave and Terahertz-wave Antennas, EM Theory and Modeling, Mobile and Indoor Propagation, Mobile Channel Characterization, Millimeter and Optical Wave Propagation, Terrestrial and Earth-space Propagation, Remote Sensing, DOA Estimation, EBG and Metamaterials, Scattering and Diffraction, Wireless Energy Transmission, EMC, EMI, Body-centric Wireless Communications, Medical Applications and Biological Effects	IEEE Antennas and Propagation Society; National Sun Yat-sen University

IEEE 在新加坡召开的会议列表
（2014 年 1 月至 2014 年 12 月）

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 Seventh International Conference on Mobile Computing and Ubiquitous Networking (ICMU)	06 Jan - 08 Jan 2014	Singapore Management University Singapore	http://www.icmu.org/	The special topic of this year's ICMU is smart and innovative technologies for next generation pervasive and mobile computing involving human, machine, energy and environment. Not only these issues but also fundamental algorithms and theory for mobile system privacy, security, reliability and robustness are included in the topics of interest. Through these topics, ICMU 2014 will provide a leading, scholarly forum for researchers	IEEE Computer Society; Information Processing Society of Japan - IPSJ
2014 19th Asia and South Pacific Design Automation Conference (ASP-DAC)	20 Jan - 23 Jan 2014	Singapore Convention & Exhibition Centre Singapore	http://www.aspdac.com	System-Level Modeling and Simulation/Verification, System-Level Synthesis and Optimization, System-Level Memory/Communication Design and Networks on Chip, Embedded and Real-Time Systems, High-Level/Behavioral/Logic Synthesis and Optimization, Physical Design, Timing, Power, Thermal Analysis and Optimization, Signal/Power Integrity, Interconnect/Device/Circuit Modeling and Simulation, Design for Manufacturability/Yield and Statistical Design, Test and Design for Testability, Analog, RF and Mixed Signal Design and CAD	IEEE Circuits and Systems Society; IEEE Council on Electronic Design Automation; Singapore Section CAS Chapter; Association for Computing Machinery Special Interest Group on Design Automation - ACM SIGDA

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2014 IEEE Ninth International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP)	21 Apr - 24 Apr 2014	TBD Singapore	http://www.i2r.a-star.edu.sg/project/issnip2014/	It covers, but is not limited to, areas of research and applications in sensor networks, sensor network security, fault tolerance and identification, sensor fusion, sensing for tracking and localization, software issues in sensor networks, protocols in sensor networks, energy efficiency in sensing systems, multimedia sensor systems, sensing in smart grids, applications of sensor networks in healthcare, infrastructure, defense and environment	IEEE Sensors Counci; ARC Research Network on Sensor Networks
2014 IEEE 21st International Symposium on the Physical and Failure Analysis of Integrated Circuits (IPFA)	30 Jun - 04 Jul 2014	Marina Bay Sands Singapore	http://ieee-ipfa.org/	IPFA 2014 will be devoted to the fundamental understanding of the physical mechanisms of semiconductor device failures and issues related to semiconductor device reliability, yield and performance, especially those related to advanced process technologies.	IEEE Electron Devices Society; IEEE Reliability Society; Singapore Section R/ED/CPMT Joint Chapter
2014 Eleventh Annual IEEE International Conference on Sensing, Communication, and Networking (SECON)	30 Jun - 03 Jul 2014	University Town, NUS National University of Singapore College Singapore	http://secon2014.ieee-secon.org/	mobile sensing and communication, cyber-physical systems, and ubiquitous and pervasive computing	IEEE Communications Society
2014 IEEE International Conference on Management of Innovation and Technology (ICMIT)	23 Sep - 25 Sep 2014	TBD Singapore	http://www.icmit2014.org	Innovation and Technogy Management, New Product Development and Innovations in Supply Chain	Singapore Section; Singapore Section TMC Chapter
2014 International Symposium on Integrated Circuits (ISIC)	10 Dec - 12 Dec 2014	Hotel Singapore	http://www.isic2014.org	theory, design, and implementation of integrated circuits and systems	Singapore Section; Nanyang Technological University - School of Electrical& Electronic Engineering